SCIENTIF	IC INTELLIGENCE COMMITTEE	
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	1 4 SEP 1973	
MEMORANDUM FOR:	Acting Deputy to the DCI for the Intelligence Community	
SUBJECT:	DCI Annual Report to the President's Foreign Intelligence Advisory Board	
REFERENCE:	Memo to Chairmen of the USIB Committees from Acting D/DCI/IC, dated 28 August 1973	
Attached is the	SIC contribution to subject report.	
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	Chairman	
Attachment: As stated above		
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SCIENTIFIC INTELLIGENCE COMMITTEE

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a. Major developments (primary focus of attention)

During FY 73 the SIC examined in some detail the Soviet military R&D system with particular attention to areas in which significant R&D effort is being expended and to trends that have important implications for future Soviet military capabilities. In preparing coordinated contributions to the NIE program, the Committee focused on significant scientific and technical activities in the fields of aircraft, naval systems, and BCW. Of particular interest were developments in the Soviet nuclear-powered ballistic missile submarine and aircraft carrier programs, including the expected use of a V/STOL fighter on the Kiev-class carrier; Soviet testing of a large Mach 3 supersonic cruise aircraft with a potential for development as a bomber; further testing of the Backfire; and all aspects of the Soviet BCW program. Also of continuing interest to the SIC have been the large Soviet military effort related to high energy lasers, Soviet military electronics developments, computer capabilities of the Warsaw Pact and foreign research on the nations and PRC, potential hazards of electromagnetic energy.

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b. Major accomplishments and failings

The SIC continues to be a major S&T intelligence coordinating mechanism. The most noteworthy undertaking of the Committee during the past year was the preparation of a comprehensive study on the trends and priorities in Soviet military research and development. This study involved contributions from all subgroups of the SIC, JAEIC, and GMAIC and extensive review by the SIC prior to its dissemination in both codeword and secret versions. The SIC also prepared contributions to significant NIEs including 11-8, 11-10, 11-14, and 13-8, and to the science section of the USSR NIS.

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c. Significant actions involving new or improved community coordination procedures

The SIC subgroups continue to devote a substantial part of their regular meetings to the exchange and analysis of intelligence in their respective areas. While this activity is not new, it is worth noting that these exchanges are particularly helpful to the participants in the performance of their departmental jobs. Also during the past year the subgroups held a number of meetings with representatives of various collection organizations in an effort to improve S&T Community support to the preparation of collection briefs and exploitation of sources.

d. The outlook

The SIC recently reviewed and made a preliminary assignment of priorities for its substantive areas of responsibility. During FY 74 the Committee intends to consider the extent of coverage required under each area and to investigate ways of minimizing undesirable duplication. To assure that significant foreign technological developments are adequately covered by member agencies or appropriate SIC subgroups, the Committee intends to review their activities and consider their capabilities for assuming additional S&T intelligence production assignments. Recent and anticipated organizations and resources changes in the Community as well as changes in the USIB committee structure, however, may complicate SIC progress in these activities. The establishment of mechanisms for providing intelligence on and extracting intelligence information from cooperative agreements with foreign nations in S&T fields will be considered.

During the next few months the SIC will focus on the need for a coordinated report on the Soviet high energy laser program. In support of a review by the Council for International Economic Policy of US computer export policy, the SIC will be updating its assessments of the computer capabilities of the USSR, PRC, and the East European

communist countries. The Committee will also intensify its effort to identify further the BCW production and storage centers within the Soviet Union and countries under its influence. The SIC/BCW Subcommittee will continue to be involved with the exploitation of sensitive information for better evaluation of current Soviet toxic weapons systems and indirectly with the Arms Control and Disarmament Agency in support of pending negotiations on proposed treaties aimed at the banning of chemical weapons.

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